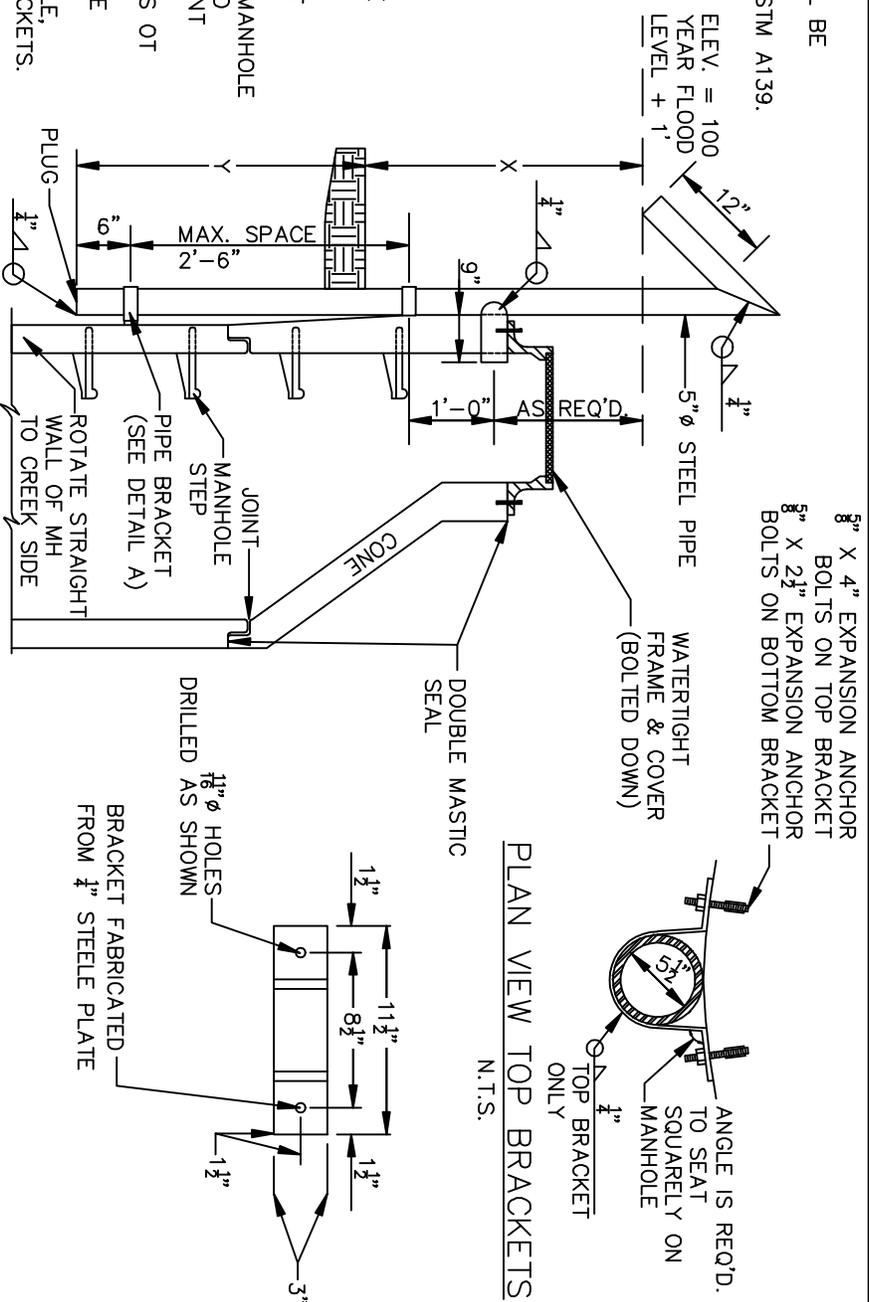


- NOTES:
- UNLESS OTHERWISE SPECIFIED, STEEL VENTS SHALL BE SCHEDULE 40 FIVE INCH (5") DIAMETER STEEL PIPE, CONSISTING OF GRADE "B" STEEL AS SPECIFIED IN ASTM A139.
 - ALL STEEL SHALL BE GRADE "B" ONLY. WITH A MINIMUM YIELD STRENGTH OF 35,000 PSI.
 - THE STEEL PIPE SHALL HAVE AN INSIDE COAL TAR LINING $\frac{3}{32}$ " MINIMUM THICKNESS ACCORDING TO AWWA C203 OR A COAL TAR EPOXY LINING CONFORMING TO THAT REQUIRED FOR STEEL AERIAL CREEK CROSSING) PIPE.
 - OUTSIDE SURFACE OF PIPE SHALL BE SAND OR GRIT BLASTED TO COMMERCIAL STANDARD AND HAVE ONE (1) COAT OF ZINC CHROMATE PRIMER APPLIED IN ACCORDANCE WITH FEDERAL SPECS. TT-86A.
 - PIPE SHALL BE FINISHED WITH TWO (2) EVENLY APPLIED COATS OF RUST INHIBITING ENAMEL PAINT, EITHER KOPPERS GLAMORTEX NO. 501 ENAMEL (OLIVE GREEN), SOUTHERN COATINGS RUSTOLAY NO. 5037 ENAMEL (GARDEN GREEN), OR EQUAL.
 - VENT SHALL BE ON CREEK SIDE AND SHALL POINT DOWNSTREAM.
 - MANHOLE FRAME & COVER TO BE ANCHORED TO MANHOLE WITH RED JACKET MASONRY ANCHORS OR EQUAL AND THOROUGHLY SEALED TO CONCRETE WITH TAR SEALANT PUTTY TO PREVENT INFILTRATION.
 - AVOID PLACING PIPE BRACKET AT MANHOLE JOINTS OR STEPS.
 - ANCHOR SLEEVE THREADED STUD & NUT SHALL BE STAINLESS STEEL OR GALVANIZED STEEL.
 - ACCORDING TO THE TYPE OF PRECAST A MANHOLE, WASHER SPACERS MAY BE REQUIRED ON LOWER BRACKETS.



X	Y	MIN. NO OF PIPE BRACKETS
0" - 72"	60"	3
72" - 84"	66"	3
84" - 96"	72"	3
OVER 96"	AS APPROVED BY ENGINEER	3 OR 4

NO.	DATE	DESCRIPTION

DETAIL A
N.T.S.

PLAN VIEW LOWER BRACKETS
N.T.S.

YORK COUNTY ENGINEERING
STANDARDS

MANHOLE
4' Diameter with Vent

STD. NO.	12.05
DATE	08/07